

Converting Colors

CIELCh(72, 10.760, 92.140)

Have a look what the booklet for
CIELCh(72, 10.760, 92.140) contains.

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Color

CIELCh(72, 10.757, 92.174)

Conversions

Conversions Part 1

Format	Color
Hex	B8B09D
RGB	184, 176, 157
RGB Percent	72%, 69%, 62%
CMY	0.2785, 0.3099, 0.3844
CMYK	0.00, 0.04, 0.15, 0.28
HSL	42°, 16%, 67%
HSV	42°, 15%, 72%
XYZ	41.3628, 43.6590, 38.1325
YIQ	176.2260, 10.8670, -4.2130

Conversions

Conversions Part 2

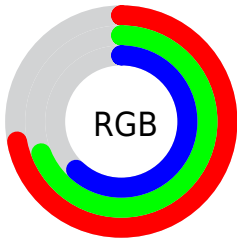
Format	Color
RYB	168, 184, 157
Decimal	12103837
CIELab	72.00, -0.41, 10.75
CIELCh	72, 10.757, 92.174
Yxy	43.6590, 0.3359, 0.3545
Android (android.graphics.Color)	4290293917 (0xFFB8B09D)
YUV	176.2260, -9.4784, 6.8178
Hunter-Lab	66.0750, -3.8905, 12.0357

Details

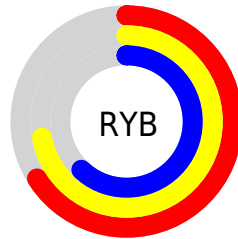
The CIELCh color $72, 10.757, 92.174$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 10.796, 275.936$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 10.700, 93.302$, and $52, 10.806, 92.900$ is the 20% darker color. If you saturate the color by 10%, you get $70, 18.240, 90.926$, and if you desaturate by 10%, it is $74, 3.392, 93.368$.

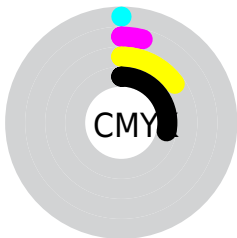
Distribution



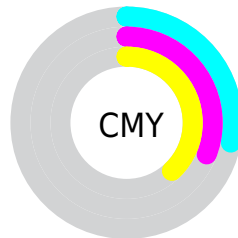
- Red (72%)
- Green (69%)
- Blue (62%)



- Red (66%)
- Yellow (72%)
- Blue (62%)



- Cyan (0%)
- Magenta (4%)
- Yellow (15%)
- Black (28%)



- Cyan (28%)
- Magenta (31%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 10.757, 92.174 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 72, 10.757, 92.174 by changing the saturation by 10% instead.

■ 72, 10.757, 92.174

■ 72, 10.757, 92.174

■ 100, 10.757,
92.174

■ 62, 10.757, 92.174

■ 92, 10.757, 92.174

■ 52, 10.757, 92.174

■ 42, 10.757, 92.174

■ 32, 10.757, 92.174

■ 22, 10.757, 92.174

■ 12, 10.757, 92.174

■ 2, 10.757, 92.174

■ 0, 10.757, 92.174

■ 72, 10.757, 92.174

■ 72, 10.757, 92.174

70, 18.240, 90.926

74, 3.392, 93.368

68, 25.810, 89.626

76, 3.849, 274.659

67, 33.412, 88.287

78, 10.965,
275.755

65, 40.933, 86.909

80, 17.961,
276.827

63, 48.163, 85.477

62, 54.740, 83.955

82, 24.844,
277.851

60, 60.095, 82.266

83, 25.439,
274.279

59, 63.535, 80.279

58, 64.865, 79.151

85, 23.244,
267.561

86, 21.422,
259.647

88, 20.066,
250.550

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



72, 10.757, 92.174



68, 10.796, 275.936

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72, 10.757, 92.174



72, 10.757, 142.174



72, 10.757, 272.174



72, 10.757, 322.174

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



72, 10.758, 92.184



94, 3.596, 93.432



67, 11.329, 357.353



50, 2.557, 93.352



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72, 10.758, 92.184



90, 16.412, 91.734



74, 14.690, 117.007



38, 4.126, 92.832



50, 57.342, 79.505



7, 10.061, 84.480

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



68, 10.796, 275.936



84, 16.476, 276.481



66, 15.150, 299.069



36, 4.141, 275.193



25, 70.597, 298.086



2, 12.177, 279.498

Previews

White Background



This preview shows how the CIELCh color 72, 10.757, 92.174 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 72, 10.757, 92.174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

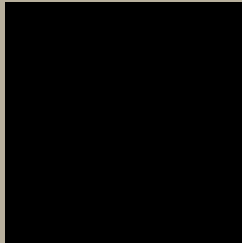
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

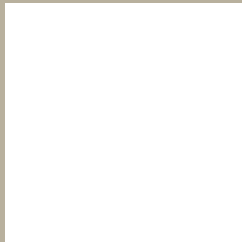
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 10.757, 92.174

Background



This preview shows how black text looks on a background with the CIELCh color 72, 10.757, 92.174.

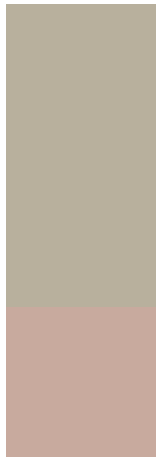


This preview shows how white text looks on a background with the CIELCh color 72, 10.757, 92.174.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


72, 10.757, 92.174

Protanopia

72, 10.757, 92.174

Deuteranopia

72, 13.634, 48.598



Tritanopia
72, 9.287, 330.582

Trichromacy



Original Color
72, 10.757, 92.174

Protanomaly
72, 10.757, 92.174

Deuteranomaly
72, 11.579, 60.710

Tritanomaly
72, 5.427, 8.262

Monochromacy



Original Color
72, 10.757, 92.174

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 3.953, 92.981

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 10.757, 92.174 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(184, 176, 157)` looks like.

```
.text, #text, p{  
    color:rgb(184, 176, 157)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(184, 176, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 176, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 10.757, 92.174 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 176, 157) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(184, 176, 157) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(184, 176, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 176, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 176, 157);  
box-shadow:4px 4px 4px 4px rgb(184, 176,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 10.757, 92.174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 176, 157) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(184,  
176, 157) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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